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APPLICATION N	O . 1	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,403		03/18/2004	David D. Crouch	PD-02W127	5544
	7590	07/25/2005		EXAMINER	
	S J. FINN,		BEN, LOHA		
	ON COMP 19, P.O.BC		ART UNIT	PAPER NUMBER	
2000 E. E	L SEGUNI	OO BLVD.	2873		
EL SEGU	NDO, CA	90245-0902	DATE MAILED: 07/25/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)				
		10/803,403	CROUCH, DAVID D.				
	Office Action Summary	Examiner	Art Unit				
		Loha Ben	2873				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply							
THE M - Extens after S - If the p - If NO p - Failure Any re	RTENED STATUTORY PERIOD FOR RE ALLING DATE OF THIS COMMUNICATION ions of time may be available under the provisions of 37 CF its (6) MONTHS from the mailing date of this communication eriod for reply specified above is less than thirty (30) days, a heriod for reply is specified above, the maximum statutory per to reply within the set or extended period for reply will, by siply received by the Office later than three months after the maximum adjustment. See 37 CFR 1.704(b).	N. R 1.136(a). In no event, however, may reply within the statutory minimum of the riod will apply and will expire SIX (6) Matute, cause the application to become	a reply be timely filed nirty (30) days will be considered timely. DNTHS from the mailing date of this communication. ABANDONED (35 U.S.C. § 133).				
Status							
1)□ F) Responsive to communication(s) filed on						
2a)⊠ ⁻	This action is FINAL . 2b)☐	This action is non-final.					
•	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims							
4)🛛 (Claim(s) <u>1-29</u> is/are pending in the applica	tion.					
4	4a) Of the above claim(s) is/are withdrawn from consideration.						
5)🛛 (Claim(s) <u>12-21</u> is/are allowed.						
6)⊠ (6)⊠ Claim(s) <u>1-11 and 22-29</u> is/are rejected.						
7) 🗌 (Claim(s) is/are objected to.						
8) 🗌 (Claim(s) are subject to restriction ar	nd/or election requirement.					
Application	on Papers						
9) <u></u> ⊤	he specification is objected to by the Exar	niner.					
10)∭ T	10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
,	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11) <u> </u>	he oath or declaration is objected to by the	e Examiner. Note the attach	ed Office Action or form PTO-152.				
Priority u	nder 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).							
a) ☐ All b) ☐ Some * c) ☐ None of:							
	1. Certified copies of the priority docum	nents have been received.					
2	2. Certified copies of the priority docum	nents have been received in	Application No				
;	3. Copies of the certified copies of the	priority documents have bee	en received in this National Stage				
	application from the International Bu	reau (PCT Rule 17.2(a)).					
* See the attached detailed Office action for a list of the certified copies not received.							
Attachment(s)							
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)							
2) Notice	of Draftsperson's Patent Drawing Review (PTO-948	Paper N	lo(s)/Mail Date				
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 0304. 5) Notice of Informal Patent Application (PTO-152) 6) Other:							

DETAILED ACTION

Response to Amendment

The phrase – from a surface – added after the word "reflection" recited in claims 1, 24, 26 and 28 does not render the claim language concise enough in that it is not seen where the surface is arranged relative to any element of the combination of elements called for in the respective claims so that the operation of the system can be understood. In other words, the recitation of the "reflection" is narrative. Similarly, the insertion of phrase – with a surface – on line 6, after the word "polarization", of claim 22, characterizes only a narrative nature of the recitation.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-11 and 22-29 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

For independent claims 1, 22, 24, 26 and 28, please refer to the indication pointed out above.

Claims 2-11, 23, 25, 27 and 29, depending from claims 1, 22, 24, 26 and 28, respectively, inherit the indefiniteness thereof.

Minor informality noted

In the Specification, page 9, line 7, before "assigned", -- now U.S. Pat. No. 6,693,605, -- should be inserted.

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Art Unit: 2873

In claim 19: line 5, "energy of a" should be replaced with – the energy of the --.

Allowable Subject Matter

Claims 1, 22, 24, 26 and 28 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

Claims 2-11, 23, 25, 27 and 29 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Claims 12-21 are allowed.

Final Rejection

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Communication

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Art Unit: 2873

12:00 noon to 8:00 p.m.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Loha Ben whose telephone number is (571) 272-2323. The examiner can normally be reached on Monday to Saturday, generally between

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia y. Epps, can be reached on Monday to Friday, at (571) 272-2328. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

July 23, 2005

Loha Ben Primary Examiner